Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-9 (Canceled)

- 10. (Withdrawn) A co-crystal comprising gabapentin and urea.
- 11. (Withdrawn) The co-crystal of claim 10, wherein
- (a) the co-crystal is characterized by a powder X-ray diffraction pattern comprising peaks expressed in terms of 2-theta angles, wherein:
 - (i) said co-crystal is a gabapentin:urea co-crystal and said X-ray diffraction pattern comprises peaks at 7.87, 16.97, and 22.25 degrees;
 - (ii) said co-crystal is a gabapentin:urea co-crystal and said X-ray diffraction pattern comprises peaks at 16.97, 24.61, and 29.33 degrees;
 - (iii) said co-crystal is a gabapentin:urea co-crystal and said X-ray diffraction pattern comprises peaks at 7.87, 24.61, and 29.33 degrees;
 - (iv) said co-crystal is a gabapentin: urea co-crystal and said X-ray diffraction pattern comprises peaks at 7.87 and 16.97 degrees;
 - (v) said co-crystal is a gabapentin:urea co-crystal and said X-ray diffraction pattern comprises peaks at 16.97 and 22.25 degrees;
 - (vi) said co-crystal is a gabapentin:urea co-crystal and said X-ray diffraction pattern comprises peaks at 7.87 and 22.25 degrees;
 - (vii) said co-crystal is a gabapentin:urea co-crystal and said X-ray diffraction pattern comprises a peak at 7.87 degrees;
 - (viii) said co-crystal is a gabapentin:urea co-crystal and said X-ray diffraction pattern comprises a peak at 16.97 degrees; or

- (ix) said co-crystal is a gabapentin:urea co-crystal and said X-ray diffraction pattern comprises a peak at 22.25 degrees;
- (b) the co-crystal is characterized by a DSC thermogram, wherein said DSC thermogram comprises an endothermic transition at about 171 degrees C.; or
- (c) the co-crystal is characterized by a TGA thermogram, wherein said TGA thermogram comprises a weight loss of about 7.8 percent between about room temperature and about 88 degrees C.
- 12. (Withdrawn) A process for the preparation of a tartaric acid, ethanedisulfonic acid, or maleic acid salt of gabapentin, which comprises:
 - (1) mixing gabapentin with an organic acid to form a mixture;
 - (2) subjecting the mixture to conditions which salify the gabapentin whereby crystals of a gabapentin salt are formed; and
 - (3) optionally isolating the salt, wherein the organic acid is tartaric acid, ethanedisulfonic acid, or maleic acid.
- 13. (Withdrawn) The process according to claim 12, wherein the gabapentin is mixed with the organic acid in solution.
- 14. (Withdrawn) The process according to claim 13, wherein the mixture is subjected in step (2) to conditions to evaporate solvent.
- 15. (Withdrawn) The process according to claim 14, wherein step (2) further comprises heating and cooling the solution.
- 16. (Withdrawn) The process according to claim 12, wherein the gabapentin is mixed with the organic acid in a solid phase.

- 17. (Withdrawn) The process according to claim 16, wherein the mixture is a solid mixture which is subjected in step (2) to heating to salify the gabapentin.
- 18. (Withdrawn) The process according to claim 17, wherein the mixture is ground prior to heating.
- 19. (Withdrawn) A process for modulating the solubility of gabapentin for use in a pharmaceutical composition, which process comprises:
 - (1) mixing gabapentin with an organic acid to form a mixture; and
 - (2) salifying the gabapentin with the organic acid so that the solubility of the gabapentin is modulated, wherein the organic acid is tartaric acid, ethanedisulfonic acid, or maleic acid.
- 20. (Withdrawn) A process for modulating the dose response of gabapentin for use in a pharmaceutical composition, which process comprises:
 - (1) mixing gabapentin with an organic acid to form a mixture, and
 - (2) salifying the gabapentin with the organic acid so that the dose response of the gabapentin is modulated, wherein the organic acid is tartaric acid, ethanedisulfonic acid, or maleic acid.
- 21. (Withdrawn) A method for treating a subject with a brain disorder, which comprises administering to the subject a therapeutically effective amount of a tartaric acid, ethanedisulfonic acid, or maleic acid salt of gabapentin.
- 22. (Previously presented) An organic acid salt of gabapentin, wherein the organic acid is tartaric acid.
- 23. (Previously presented) The organic acid salt according to claim 22, wherein the organic acid is tartaric acid and the mole ratio of gabapentin to tartaric acid is approximately 1:1.

- 24. (Previously presented) The organic acid salt according to claim 22, wherein the salt is crystalline.
- 25. (Previously presented) The organic acid salt according to claim 22, wherein the salt is characterized by a powder X-ray diffraction pattern comprising peaks expressed in terms of 2-theta angles, and said X-ray diffraction pattern comprises peaks at 5.1, 13.67, 16.91, 18.57, 19.55, and 21.57.
- 26. (Previously presented) The organic acid salt according to claim 22, wherein the salt is characterized by a powder X-ray diffraction pattern comprising peaks expressed in terms of 2-theta angles, and said X-ray diffraction pattern comprises peaks at 5.1, 18.57, and 19.55.
- 27. (Previously presented) The organic acid salt according to claim 22, wherein the salt is characterized by a DSC thermogram, and said DSC thermogram comprises an endothermic transition at about 148 degrees C.
- 28. (Previously presented) The organic acid salt according to claim 22, wherein the salt is characterized by a TGA thermogram, and said TGA thermogram comprises a weight loss of about 11.5 percent between room temperature and about 175 degrees C.
- 29. (Currently amended) The organic acid salt according to claim 22, wherein the salt exhibits-a single crystal X-ray crystallographic-analysis with crystal parameters that are approximately equal to the following:

Unit cell parameters		
a (Å)	17.695(2)	
b (Å)	6.6547(8)	
c (Å)	13.3782(16)	
α (°)	90	
β (°)	107.317(2)	
γ (°)	90	
V (Å ³)	1503.9(3)	

Z	4	
Crystal system	Monoclinic	
Space group	P2(1)/c	
Density (Mg/m ³)	1.419	
R1	0.0706	
wR2	0.1553	

- 30. (Currently amended) A pharmaceutical composition comprising a tartaric acid salt of gabapentin.the organic acid salt of claim 22.
- 31. (Previously presented) The pharmaceutical composition according to claim 30, which further comprises a pharmaceutically acceptable carrier, diluent, or excipient.
- 32. (Previously presented) An organic acid salt of gabapentin, wherein the organic acid is ethanedisulfonic acid.
- 33. (Previously presented) The organic acid salt according to claim 32, wherein the organic acid is ethanedisulfonic acid and the mole ratio of gabapentin to ethanedisulfonic acid is approximately 2:1.
- 34. (Previously presented) The organic acid salt according to claim 32, wherein the salt is crystalline.
- 35. (Previously presented) The organic acid salt according to claim 32, wherein the salt is characterized by a powder X-ray diffraction pattern comprising peaks expressed in terms of 2-theta angles, and said X-ray diffraction pattern comprises peaks at 6.17, 11.49, 15.05, 17.35, 20.21, and 24.65.
- 36. (Previously presented) The organic acid salt according to claim 32, wherein the salt is characterized by a powder X-ray diffraction pattern comprising peaks expressed in terms of 2-theta angles, and said X-ray diffraction pattern comprises peaks at 6.17, 17.35, and 20.21.

- 37. (Previously presented) The organic acid salt according to claim 32, wherein the salt is characterized by a DSC thermogram, and said DSC thermogram comprises an endothermic transition at about 184 degrees C.
- 38. (Previously presented) The organic acid salt according to claim 32, wherein the salt is characterized by a TGA thermogram, and said TGA thermogram comprises a weight loss of about 38 percent between about 100 degrees C and about 263 degrees C.
- 39. (Currently amended) The organic acid salt according to claim 32, wherein the salt exhibits-a single crystal X-ray crystallographic-analysis with crystal parameters that are approximately equal to the following:

Unit cell parameters	
a (Å)	5.5971 (7)
b (Å)	8.0151 (10)
c (Å)	14.6776 (18)
α (°)	78.971 (2)
β (°)	88.025 (2)
γ (°)	75.867 (2)
$V(A^3)$	626.68 (13)
Z	2
Crystal system	Triclinic
Space group	P(-1)
Density (Mg/m ³)	1.411
R1	0.0632
wR2	0.1446

- 40. (Currently amended) A pharmaceutical composition comprising an ethanedisulfonic acid salt of gabapentin the organic acid salt of claim 32.
- 41. (Previously presented) The pharmaceutical composition according to claim 40, which further comprises a pharmaceutically acceptable carrier, diluent, or excipient.

- 42. (Previously presented) An organic acid salt of gabapentin, wherein the organic acid is maleic acid.
- 43. (Previously presented) The organic acid salt according to claim 42, wherein the salt is crystalline.
- 44. (Previously presented) The organic acid salt according to claim 42, wherein the salt is characterized by a powder X-ray diffraction pattern comprising peaks expressed in terms of 2-theta angles, and said X-ray diffraction pattern comprises peaks at 4.6, 6.7, 7.8, 14.99, 16.93, 20.47, and 28.03.
- 45. (Previously presented) The organic acid salt according to claim 42, wherein the salt is characterized by a powder X-ray diffraction pattern comprising peaks expressed in terms of 2-theta angles, and said X-ray diffraction pattern comprises peaks at 4.6, 6.7, and 7.8.
- 46. (Previously presented) The organic acid salt according to claim 42, wherein the salt is characterized by a DSC thermogram, and said DSC thermogram comprises an endothermic transition at about 71 degrees C.
- 47. (Previously presented) The organic acid salt according to claim 42, wherein the salt is characterized by a DSC thermogram, and said DSC thermogram comprises an endothermic transition at about 102 degrees C.
- 48. (Currently amended) A pharmaceutical composition comprising a maleic acid salt of gabapentin the organic acid salt of claim 42.
- 49. (Previously presented) The pharmaceutical composition according to claim 48, which further comprises a pharmaceutically acceptable carrier, diluent, or excipient.